JC02 Rec'd PCT/PTO

Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE •Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTTORNEY'S DOCKET NUMBER 3135-052069 special CFR 1.5) U.S. APPLICATION NO (II known) PRIORITY DATE CLAIMED 08.01.2003 (January 08, 2003)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/NL2004/000005 06.01.2004 (January 06, 2004) TITLE OF INVENTION Device and Method for Encapsulating with Encapsulating Material and Electronic Component Fixed on a Carrier APPLICANT(S) FOR DO/EO/US Martin Hermann WEGGEN, Michel Hendrikus Lambertus TEUNISSEN and Wilhelmus Gerardus Jozef GAL Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 1 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. 15 A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: Response to Written Opinion (11 pp.)

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

# JC14 Rec'd PCT/PTO 08 JUL 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| ## A deficient later of \$130.00 for furnishing the earth of declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(II))  ## A deck in the amount of \$ 1,030.00    A deck in the amount of \$ 1,030.00  | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER  |   |                              |                           |                               |                   |           |    |  |
|--|---|---|------------------------------|---------------------------|-------------------------------|-------------------|-----------|----|--|
| 21.     Basic national fee   \$300.00   \$   |   | 11  | 1/54                         |                           |                               |                   |           |    |  |
| Second   S   | The following fees have been submitted CALCULATIONS PTO USE ONLY  |   |                              |                           |                               |                   |           |    |  |
| 22.  |   |   |                              |                           |                               |                   |           |    |  |
| 23.  | 22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) |   |                              |                           |                               |                   |           |    |  |
| Search   Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Report prepared and provided to the Office  |   |   |                              |                           |                               |                   |           |    |  |
| TOTAL OF 21, 22 and 23 = \$900.00  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims 13 -20 = 0   | Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority               |   |                              |                           |                               |                   |           |    |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper of fraction thereof.  Total Sheets   Extra Sheets   Number of each additional 50 or fraction thereof (round up to a whole number)   x \$250   \$ 0    18 - 100 =   /50 =   x \$250   \$ 0    Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   \$ 130.00    CLAIMS   NUMBER FILED   NUMBER EXTRA   RATE   \$ 130.00    Independent claims   13 - 20 =   0   x \$50   \$ 0    Independent claims   2 - 3 =   0   x \$200   \$ 0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360   \$ 0    TOTAL OF ABOVE CACULATIONS =   \$1,030.00    Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   TOTAL NATIONAL FEE   \$ 1,030.00    Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property   \$ 0    **TOTAL FEES ENCLOSED =   \$ 1,030.00    **TOTAL FEES ENCLOSED =   \$ 1,030.00    **Amount to be refunded:   \$ 4,000 per property   \$ 0    **TOTAL FEES ENCLOSED =   \$ 1,030.00    **Amount to be charged:   \$ 1,030.00    **TOTAL FEES ENCLOSED =   \$ 1,030.00    * |   |   |                              | \$ 900.00                 |                               |                   |           |    |  |
| Sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof (round up to a whole number)  18 - 100 =  | Additional f  |   |                              | Ψ 900.00                  |                               |                   |           |    |  |
| Total claims   Total claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.   Subtotal entity status. See 37 CFR 1.492(f)).   Total claims brown to be entity status. See 37 CFR 1.492(f)).   Total claims brown to be entity status. See 37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   Total claims brown to be charged:   Subtotal capacity   Subtotal c  | sequence listing or computer program listing filed in an electronic medium).  |   |                              |                           |                               |                   |           |    |  |
| 18 - 100   | Total Sheets  | Total Sheets Extra Sheets Number of each additional 50 or fraction RATE |                              |                           |                               |                   |           |    |  |
| Claimed priority date (37 CFR 1.492(e)).   State   130.00  | 18 - 100 =  |   | /50 =                        |                           |                               | × \$250           | \$        |    |  |
| Total claims 13 - 20 = 0   | Surcharge of \$1 claimed priority   | <b>30.00</b> f<br>date (3   | or furnishing<br>7 CFR 1.492 | the oath or dec<br>2(e)). | laration later than 30 months | from the earliest | \$ 130.00 |    |  |
| Independent claims 2 -3 = 0 x \$200 \$ 0  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ 0  TOTAL OF ABOVE CACULATIONS = \$1,030.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½ 0  SUBTOTAL = \$1,030.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + 0  TOTAL NATIONAL FEE = \$1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$1,030.00  Amount to be refunded: \$Amount to be charged: \$  | CLAIMS  |   | NUMB                         | ER FILED                  | NUMBER EXTRA                  | RATE              | \$        |    |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CACULATIONS = 1,030.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$1,030.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   | Total claims  | 3   | 13                           | - 20 =                    | 0                             | x \$ 50           | \$ 0      |    |  |
| TOTAL OF ABOVE CACULATIONS = \$ 1,030.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 1,030.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$ 1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$ \$ 1,030.00  |   |   | 2                            | - 3 =                     | 0                             | x \$200           | \$ 0      | 1  |  |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 1,030.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$ 1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 0  TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$   |   |   |                              |                           |                               |                   | \$ 0      |    |  |
| SUBTOTAL = \$ 1,030.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$ 1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$ \$ 1,030.00   |   |   |                              | \$ 1,030.00               |                               |                   |           |    |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$ 1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$ \$ 1,030.00   | Applicant cl  | aims sr   | nall entity st               | 0                         |                               |                   |           |    |  |
| claimed priority date (37 CFR 1.492(f)). + \$ 0  TOTAL NATIONAL FEE = \$ 1,030.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$ \$  |   |   |                              | \$ 1,030.00               |                               |                   |           |    |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$  | claimed priority date (37 CFR 1.492(f)). + 0  |   |                              |                           |                               |                   |           |    |  |
| by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0  TOTAL FEES ENCLOSED = \$1,030.00  Amount to be refunded: Amount to be charged: \$   | ,   |   |                              | \$ 1,030.00               |                               |                   |           |    |  |
| TOTAL FEES ENCLOSED = \$ 1,030.00  Amount to be refunded: \$ Amount to be charged: \$  |   |   |                              | \$ 0                      |                               |                   |           |    |  |
| refunded: \$ Amount to be charged: \$  | •   |   |                              | \$ 1,030.00               |                               |                   |           |    |  |
| charged:   |   |   |                              |                           |                               |                   |           | \$ |  |
| a. A check in the amount of \$ 1,030.00 to cover the above fees is enclosed  |   |   |                              |                           | \$                            |                   |           |    |  |
|  |   |   |                              |                           |                               |                   |           |    |  |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  |   |   |                              |                           |                               |                   |           |    |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 23-0650. A duplicate copy of this sheet is enclosed.  |   |   |                              |                           |                               |                   |           |    |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.   |   |   |                              |                           |                               |                   |           |    |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed   |   |   |                              |                           |                               |                   |           |    |  |
| and granted to restore the International Application to pending status.  |   |   |                              |                           |                               |                   |           |    |  |
| SEND ALL CORRESPONDENCE TO:  |   |   |                              |                           |                               |                   |           |    |  |
| IODD W. MCINCING   |   |   |                              |                           |                               |                   |           |    |  |
| John W. McIlvaine The Webb Law Firm  | 436 Seventh   | n Aver  | nue, 700 k                   | llvaine                   |                               |                   |           |    |  |
| The Webb Law Firm 436 Seventh Avenue, 700 Koppers Building  John W. McIlvaine  | Pittsburgh, PA 15219-1818   |   |                              |                           |                               |                   |           |    |  |
| The Webb Law Firm 436 Seventh Avenue, 700 Koppers Building Pittsburgh, PA 15219-1818  SIGNATURE  John W. McIlvaine  NAME   | Telephone: (412) 471-8815       34,219         Facsimile: (412) 471-4094       REGISTRATION NUMBER  |   |                              |                           |                               |                   |           |    |  |

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| IN RE APPLICATION OF:   | ATTORNEY'S DOCKET NUMBER |
|---|--------------------------|
| Martin Hermann WEGGEN, Michel Hendrikus Lambertus TEUNISSEN and Gerardus Jozef Wilhelmus GALLEN | 3135-052069              |
| PCT/NL2004/000005   |                          |
| ENTITLED  |                          |
| "DEVICE AND METHOD FOR ENCAPSUM MATERIAL AND ELECTRONIC COMPO                                   |                          |
|   |                          |

**To MAIL STOP PCT**Attention: DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

#### **EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number <u>EL971224981US</u>

Date of Deposit July 8, 2005

I hereby certify that the following attached papers or fees

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER
35 U.S.C. 371 (original and two (2) copies) and check in amount
of \$1,030.00 for filing fee and surcharge for late Declaration
LETTER RECOGNIZING ATTORNEYS (1 p.)
PRELIMINARY AMENDMENT with ABSTRACT
WO 2004/070838 - FRONT PAGE WITH ABSTRACT, SPECIFICATION,
CLAIMS, DRAWINGS and SEARCH REPORT (18 pp.)
RESPONSE TO WRITTEN OPINION (11 pp.)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Nora Ann Pastrick
(Typed name of person mailing paper or fee)

Mora Auw Castrick

(Signature of person mailing paper or fee)

10/541715 JC14 Rec'd PTO 08 JUL 2005

Customer No. 28289

Application No. Not Yet Assigned

Paper Dated: July 8, 2005

In Reply to USPTO Correspondence of N/A

Attorney Docket No. 3135-052069

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

Not Yet Assigned

**Applicants** 

Martin Hermann WEGGEN et al.

Filed

Concurrently Herewith

Title

DEVICE AND METHOD FOR ENCAPSULATING

WITH ENCAPSULATING MATERIAL AND

ELECTRONIC COMPONENT FIXED ON A

CARRIER

:

International Application

No. PCT/NL2004/000005

International Filing Date

06 January 2004

Priority Date Claimed

08 January 2003

#### **MAIL STOP PCT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# LETTER RECOGNIZING ATTORNEYS

Sir:

Enclosed are appropriate papers for initiating the national phase of the above-identified PCT application, comprising a specification, claims and drawings. A Preliminary Amendment is also enclosed.

Please accept the application for purposes of granting a filing date and recognize John W. McIlvaine, Richard L. Byrne and William H. Logsdon, Registration Nos. 34,219, 28,498 and 22,132, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney.

Kindly direct all communications relating to this application to **John W. McIlvaine**.

Respectfully submitted,

THE WEBB LAW FIRM

Bv

John W. McIlvaine, Reg. No. 34,219

Attorney for Applicants 700 Koppers Building 436 Seventh Avenue

Pittsburgh, PA 15219-1818 Telephone: 412/471-8815 Facsimile: 412/471-4094